ELSEVIER

Toxicology 200 (2004) 273–274

TOXICOLOGY

www.elsevier.com/locate/toxicol

# Contents of volume 200

## Contents of Volume 200 No. 1

**Review**

Comparative inter-species pharmacokinetics of phenoxyacetic acid herbicides and related organic acids. Evidence that the dog is not a relevant species for evaluation of human health risk
C. Timchalk (USA) ..... 1–19

**Articles**

Effects of *S*-adenosylmethionine on intrabiliary glutathione degradation induced by long-term administration of cyclosporin A in the rat
J. Palomero, A.I. Galán, M.E. Muñoz, J. González-Gallego, M.J. Tuñón, R. Jiménez (Spain) ..... 21–27

Rat liver glutathione *S*-transferase activity stimulation following acute cadmium or manganese intoxication
E. Casalino, C. Sblano, V. Landriscina, G. Calzaretti, C. Landriscina (Italy) ..... 29–38

Chromosomal aberrations, micronuclei and nuclear buds induced in human lymphocytes by 2,4-dichlorophenoxyacetic acid pesticide formulation
D. Zeljezic, V. Garaj-Vrhovac (Croatia) ..... 39–47

Pronounced induction of testicular $PGF_{2\alpha}$ and suppression of testosterone by cadmium—prevention by zinc
D. Gunnarsson, M. Svensson, G. Selstam, G. Nordberg (Sweden) ..... 49–58

The role of reactive oxygen species in microcystin-LR-induced DNA damage
B. Žegura, T.T. Lah, M. Filipič (Slovenia) ..... 59–68

Disruption of sphingolipid biosynthesis in hepatocyte nodules: selective proliferative stimulus induced by fumonisin $B_1$
L. van der Westhuizen, W.C.A. Gelderblom, G.S. Shephard, S. Swanevelder (South Africa) ..... 69–75

Evaluation for reliability and feasibility of the draft protocol for the enhanced rat 28-day subacute study (OECD Guideline 407) using androgen antagonist flutamide
T. Kunimatsu, T. Yamada, K. Miyata, S. Yabushita, T. Seki, Y. Okuno, M. Matsuo (Japan) ..... 77–89

Instructions to Authors ..... 91–92

## Contents of Volume 200 Nos. 2–3

**Articles**

Inhibition of aroclor 1254-induced depletion of stored calcium prevents the cell death in catecholaminergic cells
J.-H. Kang, I.-S. Park, W.-Y. Oh, H.-K. Lim, S.-Y. Wang, S.Y. Lee, K.H. Choi, J.-i. Kim, S.-Y. Jung, C.K. Suh, D.S. Kim (South Korea) ..... 93–101

Dietary clofibrate inhibits induction of hepatic antioxidant enzymes by chronic estradiol in female ACI rats
S. Mesia-Vela, R.I. Sanchez, K.R. Reuhl, A.H. Conney, F.C. Kauffman (USA) ..... 103–111

Suppression by phthalates of the calcium signaling of human nicotinic acetylcholine receptors in human neuroblastoma SH-SY5Y cells
L. Kaun-Yu, T. Fu-Wei, W. Chia-Jung, L. Pei-Shan (Taiwan) ..... 113–121

Chlorpropham induces mitochondrial dysfunction in rat hepatocytes
Y. Nakagawa, K. Nakajima, T. Suzuki (Japan) ..... 123–133

doi:10.1016/S0300-483X(04)00315-4

Dose related effects of ifosfamide on enterocyte apoptosis in different sites of the rabbit intestine
P. Ypsilantis, I. Tentes, S.F. Assimakopoulos, A. Kortsaris, C.D. Scopa, M. Pitiakoudis, C. Simopoulos (Greece) .... 135–143
Response of human cord blood cells to styrene exposure: evaluation of its effects on apoptosis and gene expression by genomic technology
C. Diodovich, M.G. Bianchi, G. Bowe, F. Acquati, R. Taramelli, D. Parent-Massin, L. Gribaldo (Italy, France) ..... 145–157
Involvement of mitogen-activated protein kinases and protein kinase C in cadmium-induced prostaglandin $E_2$ production in primary mouse osteoblastic cells
T. Miyahara, T. Katoh, M. Watanabe, Y. Mikami, S. Uchida, M. Hosoe, T. Sakuma, N. Nemoto, K. Takayama, T. Komurasaki (Japan) ..... 159–167
Decreased nicotinic receptors in PC12 cells and rat brains influenced by fluoride toxicity—a mechanism relating to a damage at the level in post-transcription of the receptor genes
K.-R. Shan, X.-L. Qi, Y.-G. Long, A. Nordberg, Z.-Z. Guan (PR China, Sweden, ) ..... 169–177
Gene expression profile in the livers of rats orally administered ethinylestradiol for 28 days using a microarray technique
N. Kato, M. Shibutani, H. Takagi, C. Uneyama, K.-Y. Lee, S. Takigami, K. Mashima, M. Hirose (Japan) ..... 179–192
The toxicity of *N*-methyl-α-methyldopamine to freshly isolated rat hepatocytes is prevented by ascorbic acid and *N*-acetylcysteine
M. Carvalho, F. Remião, N. Milhazes, F. Borges, E. Fernandes, F. Carvalho, M.L. Bastos (Portugal) ..... 193–203
Effects of endosulfan on B cells of Langerhans islets in rat pancreas
Y. Kalender, S. Kalender, M. Uzunhisarcikli, A. Ogutcu, F. Açikgoz, D. Durak (Turkey) ..... 205–211
Effect of $GABA_A$ receptor antagonist bicuculline methiodide on hypotension in endotoxin-intoxicated rats
D.-Z. Hsu, M.-Y. Liu (Taiwan) ..... 213–219
Tributyltin exposure causes decreased granzyme B and perforin levels in human natural killer cells
L.D. Thomas, H. Shah, S.A. Green, A.D. Bankhurst, M.M. Whalen (USA) ..... 221–233

**Immuntoxicology**

Interactions at a dioxin responsive element (DRE) and an overlapping κB site within the hs4 domain of the 3′α immunoglobulin heavy chain enhancer
C.E.W. Sulentic, J.S. Kang, Y.J. Na, N.E. Kaminski (USA, South Korea) ..... 235–246
Cytokine release does not improve the sensitivity and specificity of the direct popliteal lymph node assay
G. Ravel, M. Christ, F. Horand, J. Descotes (France) ..... 247–254
Exposure to *Aspergillus fumigatus* spores induces chemokine expression in mouse macrophages
L. Pylkkänen, H. Gullstén, M.-L. Majuri, U. Andersson, E. Vanhala, J. Määttä, T. Meklin, M.-R. Hirvonen, H. Alenius, K. Savolainen (Finland) ..... 255–263

Author index of volume 200 ..... 265–266
Subject index of volume 200 ..... 267–271
Contents of volume 200 ..... 273–274